

AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A pair of electro-stimulated massaging pants comprising:
 - a pair of pants;
 - a plurality of conductive plates attached on an inner surface of said pants and adapted to be in direct contact with a human body when said pants are put on;
 - a plurality of conductive buttons clustered on a predetermined location of said pants;
 - a plurality of conductive strips, each having a first end connected to one of said conductive plates and a second end connected to one of said conductive buttons; and
 - an electro-stimulating controller having an internal circuit for generating pulsed voltages, a power on/off button, and a corresponding set of conductive buttons for coupling with said clustered conductive buttons of said pants to electrically connect said controller with said plates and further to mount said controller onto the pants, said electro-stimulating controller ~~charging~~ supplying said pulsed voltages to said conductive plates via said conductive buttons and conductive strips to charge said conductive plates to produce an effect of electro-stimulated massage.
2. (Previously Presented) The electro-stimulated massaging pants of Claim 1, wherein said conductive plates are connected to a positive electrode and a negative electrode of said electro-stimulating controller.
3. (Previously Presented) The electro-stimulated massaging pants of Claim 1, wherein said pants include an elastic waistband and said conductive strips are embedded within ~~an~~ said elastic waistband.

4. (Currently Amended) The electro-stimulated massaging pants of Claim 1, wherein said ~~electro-stimulating controller is provided with~~ internal circuit includes a central integrated circuit (IC) and a charging/discharging circuit; said IC is used for transporting a pulsed-wave signal to control charging/discharging of a group of capacitors and inductors for generating a high voltage; and said IC further adjusts the bandwidth of said pulsed-wave signal so as to generate said pulsed voltages for providing electro-stimulated massaging effects of various strengths.

5 (Previously Presented) The electro-stimulated massaging pants of Claim 4, wherein said bandwidth of said pulsed-wave signal is selected in a range from 1 Hz to 150 Hz.

6. (Canceled)

7. (Previously Presented) The electro-stimulated massaging pants of Claim 1, further comprising a stepping switch installed on a lateral side of said electro-stimulating controller for selecting a charging region.

8. (Previously Presented) The electro-stimulated massaging pants of Claim 1, wherein said conductive strips are in a parallel arrangement separated by a proper spacing.

9. (Previously Presented) The electro-stimulated massaging pants of Claim 1, wherein said pants include an elastic waistband, said conductive strips are arranged in an overlapped fashion and insulated by an insulating material; an inducing terminal of each of said conductive strips is extended out of said elastic waistband; and said conductive plates are sewn on said pants to connect with said inducing terminals.

10. (Previously Presented) The electro-stimulated massaging pants of Claim 1, wherein an inducing terminal of each of said conductive strips includes at least one conductive button, ~~and~~ each of said conductive plates includes at least one corresponding conductive button; and said

conductive buttons of said conductive strips are riveted to said conductive buttons of said conductive plates.

11. (Previously Presented) The electro-stimulated massaging pants of Claim 1, wherein an inducing terminal of each of said conductive strips includes an adhesive patch, each of said conductive plates includes a corresponding adhesive patch; and said adhesive patches of said conductive strips are stuck to said adhesive patches of said conductive plates.

12. (Previously Presented) The electro-stimulated massaging pants of Claim 1, wherein said conductive strips are sewn on an inner surface of said pants.

13. (Previously Presented) The electro-stimulated massaging pants of Claim 1, wherein said pants are treading pants or tight underpants; said conductive strips and said conductive plates are distributed on locations of said pants corresponding to various body portions.

14. (Previously Presented) The electro-stimulated massaging pants of Claim 1, wherein a set of wires is connected with said conductive buttons clustered on said pants; and a free end of said wire set is provided with a set of conductive buttons capable of being mounted onto said electro-stimulating controller.

15. (Previously Presented) The electro-stimulated massaging pants of Claim 1, wherein said conductive strips, connected in series or in parallel, extend to various portions of the human body where said conductive plate or a predetermined number of conductive buttons are connected.

16. (Previously Presented) The electro-stimulated massaging pants of Claim 1, wherein said pants are treading pants or tight underpants; and a plurality of auxiliary elastic bands are installed on one or two lateral sides of said pants.

Serial Number 10/658,256

17. (Previously Presented) The electro-stimulated massaging pants of Claim 1, wherein said conductive buttons at said extended ends of said conductive strips are each covered by an insulating cloth cover that is formed by either two overlapped pieces of cloth or a single piece of cloth.

18. (Previously Presented) The electro-stimulated massaging pants of Claim 1, wherein said conductive strips are made of electrically conductive cloths.

19. (New) The electro-stimulated massaging pants of Claim 1, wherein said controller further includes a power on/off switch.